

SELTZER & FLAVORED MALT BEVERAGE CERTIFICATE OF ANALYSIS



Customer: 8th Wonder Brewery

Sample ID: Lil Bit Cherry Limeade

1013d

Tested: ##### 221.8 Serving Size (mL)

Certifying Officer: Zach Lilla

Method			
Beer-2A	Specific Gravity @ 20°C	1.01481	
Beer-3	Apparent Extract	3.8	° Plato
Beer-4D	Alcohol (Ethanol) by GC-FID @ 20°C	0.19	% by vol. (ABV)
		0.15	% by wt. (ABW)
Beer-4D	Alcohol (Ethanol) by GC-FID @ 60°F	0.19	% by vol. (ABV)
		0.15	% by wt. (ABW)
Beer-5B	Real Extract	3.85	% wt.
Beer-6	Calculated Values	OG= 1.01631	
	A) Extract of Original Wort	OE= 4.2	° Plato or %
	B) Real Degree of Fermentation	RDF= 7.5	%
	C) Apparent Degree of Fermentation	ADF= 9.2	%
AOAC 979.06	Carbohydrate Content	3.76	%
		8.46	g/SS
AOAC 971.10/TM:400	Calories	16.28	Cal/100g
		36.58	Cal/SS
Beer-8A	Total Acidity by Titration	NT	% (as lactic acid)
Beer-9	pH (Hydrogen Ion Concentration)	NT	
Beer-10	Color	NT	°SRM
		NT	°L
		NT	EBC
Beer-11C	Protein	0	%
		0.00	g/SS
Beer-14	Ash	0.09	%
		0.20	g/SS
Beer-23A	Beer Bitterness	NT	BU
Beer-35	Total Polyphenols	NT	
Beer-10C	Tristimulus (CIELAB)	NT	L*
		NT	a*
		NT	b*

SS=Serving Size
NT=NOT TESTED

Signed: Zachary Lilla - Lab Manager - TTBB Certified Chemist - Member AOAC - ASBC - BJCP

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Method			
AOAC 980.13 Sugar Profile by HPLC			g/SS
Fructose	3.72		
Glucose	3.93		
Sucrose	<0.04		
Lactose	<0.16		
Maltose	<0.10		
Total Sugars	7.65		
AOAC 989.09 Total Fat by Acid Hydrolysis	NT		g/SS
AAR LAB Inorganic Cations by IC			
Sodium	49.3		mg/SS
Potassium	9.9		mg/SS
Magnesium	NT		mg/SS
Calcium	17.1		mg/SS
AOAC 985.29 Total Dietary Fiber	0.02		%
	0.04		g/SS
Beer-25F Vicinal Diketones (VDK's) by Headspace GC			ppm
	NT		diacetyl
	NT		2,3 pentanedione
Beer-18A Iron	0.02		mg/SS
Spoilage Screen Bacteria - Aerobic		CFU/100mL	
LMDA	NT	NT	CFU/SS
MacConkey	NT	NT	CFU/SS
Spoilage Screen Bacteria - Anaerobic		CFU/100mL	
LMDA	NT	NT	CFU/SS
HLP	NT	NT	CFU/SS
Spoilage Screen Yeast		CFU/100mL	
LCSM	NT	NT	CFU/SS
LWYM	NT	NT	CFU/SS
Lysine	NT	NT	CFU/SS
WLN	NT	NT	CFU/SS
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Method
AAR Brewing Water Profile

		ppm		ppm	
pH	NT	Sodium, Na	NT	Fluoride, F-	NT
TDS	NT	Potassium, K	NT	Chloride, Cl-	NT
Conductivity	NT	Magnesium, Mg	NT	Nitrite, NO2	NT
		Calcium, Ca	NT	Nitrate, NO3	NT
		Hardness CaCO3	NT	Bromide, Br	NT
		Carbonate	NT	Phosphate	NT
		Bicarbonate	NT	Sulfate, SO4	NT
		Total Alkalinity	NT	Iron, Fe	NT

Beer-49	Gluten by ELISA	NT	ppm
Beer-13B	Dissolved Carbon Dioxide	NT	vol. CO2
Beer-13B	Headspace Volume	NT	mL
Beer-13B	Total Air	NT	mL
AAR	Fill Volume	NT	mL
Wort-12A	Free Amino Nitrogen (FAN)	NT	mg/L
AAR	Dimethyl Sulfide (DMS) by HS-GC	NT	ppb
	Hydrogen Sulfide (HS) by HS-GC	NT	ppb
	Sulfur Dioxide (SO2) by HS-GC	NT	ppb

TM:200 Fusel Oils TTB Profile Fusel Oils ppm

	ppm		ppm		
n-Propanol	NT	Acetaldehyde	NT	Methanol	NT % by vol
Amyl Alcohol	NT	Ethyl Acetate	NT	Glycerol	NT % by vol
iso-butanol	NT	Benzaldehyde	NT	Propylene Glycol	NT % by vol
n-butanol	NT	Isoamyl Alcohol	NT	Acetic Acid	NT g/100mL

AAR Caffeine by HPLC ppm

Wort-14	Fermentable Saccharides by HPLC	g/100mL
	DP4+	NT
	Maltotriose, DP3	NT
	Maltose, DP2	NT
	Glucose	NT
	Fructose	NT
	Sum DP3,DP2,GLU,FRU	NT

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CERTIFICATE OF ANALYSIS

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Nutritional Summary

		% Daily Value
Total Calories	35 cal/SS	
Total Calories from Fat	0 g/SS	
Total Fat	0 g/SS	0
Saturated Fat	0 g/SS	0
Total Carbohydrates	8 g/SS	3
Dietary Fiber	0 g/SS	0
Cholesterol	0 g/SS	0
Sodium	50 mg/SS	2
Total Sugars	8 g/SS	
Protein	0 g/SS	0
Calcium	0 mg/SS	0
Potassium	0 mg/SS	0
Iron	0 mg/SS	0

Nutrition Facts

1 serving per container
Serving Size 1 can/bottle (221.8mL)

Amount per serving

Calories 35

	% Daily Value*
Total Fat 0g	0%
Saturated Fat 0g	0%
Trans Fat 0g	0%
Cholesterol 0g	0%
Sodium 50mg	2%
Total Carbohydrate 8g	3%
Dietary Fiber 0g	0%
Total Sugars 8g	
Includes 0 grams Added Sugars	0%
Protein 0g	0%
Vitamin D 0mcg 0% - Calcium 0mg 0%	
Iron 0mg 0% - Potassium 0mg 0%	

Please Note:
AAR Lab does not take responsibility for the use and context of this example facts panel. Please consult a label expert to confirm formatting compliance.

Please note: Declare the amount of "Added Sugars"

Please Note: Recommended daily amount of "Added Sugars" is 50g

*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2000 calories a day is used for general nutrition advice.

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Signed:

Zachary Lilla - Lab Manager - TTB Certified Chemist - Member AOAC - ASBC - BJCP

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